

541,329

29 JUN 2005

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
29 July 2004 (29.07.2004)

PCT

(10) International Publication Number  
**WO 2004/063419 A1**

(51) International Patent Classification<sup>7</sup>: **C23C 14/24**,  
14/26, F27B 14/10

[DE/DE]; Romantische Str. 18, 87642 Halblech (DE).  
**LATTIMER, Rob** [US/US]; 28, Grumman Avenue,  
Wilton, CT 06897 (US).

(21) International Application Number:  
PCT/EP2003/014676

(74) Agent: **VIERING, Hans-Martin**; Viering, Jentschura &  
Partner, Steinsdorfstr. 6, 80538 München (DE).

(22) International Filing Date:  
19 December 2003 (19.12.2003)

(81) Designated State (*national*): US.

(25) Filing Language: English

(84) Designated States (*regional*): European patent (AT, BE,  
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU,  
IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

(26) Publication Language: English

(30) Priority Data:  
203 00 167.2 8 January 2003 (08.01.2003) DE  
203 09 444.1 18 June 2003 (18.06.2003) DE

**Published:**

- with international search report
- before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments

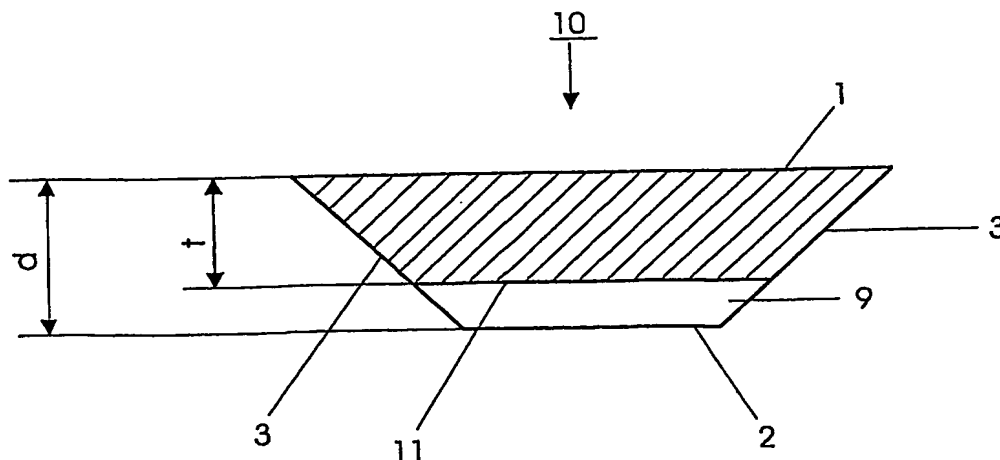
(71) Applicant (*for all designated States except US*): **SINTEC  
KERAMIK GMBH & CO. KG** [DE/DE]; Romantische  
Strasse 18, 87642 Halblech (DE).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **GOETZ, Ulrich**

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: RESISTANCE-HEATED VAPORIZER BOAT



(57) Abstract: Resistance-heated ceramic vaporizer boat (10) comprising an elongated vaporizer body having an upper side (1) and a lower side (2) being parallel to each other, and the vaporizer body having plane lateral side surfaces (3) being non-parallel to each other, wherein each of said lateral side surfaces (3) is inclined by an angle of 45° with respect to the upper side (1). Preferably, the end portions at the longitudinal ends of the vaporizer body are reduced, at the lower side (2) thereof, to a predetermined partial thickness (t), whereby a cavity at the upper side (1) of the vaporizer body can be omitted.

WO 2004/063419 A1